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Professor Michael Redhead FBA

3.2-98

I sinclose the second-referee's report Duar Katinha, which I have just priped up from Wolfson (9 Rome e-mould Von der Morure to send any fuitte reports to me in London) I think the secund refere in probably Splan. Would you like to droft a response, which might include the following points, on, of course, ochis you think of yourself. (1) We thought it appropriate to give a Complete mothemotical account of a semple mortel of the spin-echo enforment, so as being out the conseptual issues in the clearest possible way. As far as we are aware this model has not be treated elsewhere in the physics literature in such explicit detail

(2) We now claim that it is a virtue of the model that it is a miging system and has no stronger engedie propolie. Komenher in are defending interventionen. in this paper, which makes he reference to produce much more realiste, times to true oqualitium even for mesens systems. (Katinha, you must measporate a live reformed to Blatt on the word of Jana 2 on p. 17 of the palm) In general un ropet ergodie approceeks, sence they do not after to be relevant for reserve systems (cp KAM thorows, etc) (Katuba, you wast son smalley on who lesson so, lever very height, near the beginning of Sections, where we we introducing the interventionest Moort) (3) We believe that statistical mechanics is Concorned weeth explaining two equilibrium, not quar equilium, as the apprepriate andogne for themodynamic operationen. Eteruse the spin-ector experiority could be

regardor II Les exhibiting anti-thermodynamic Lehacieran, ahead une de not believe to To the case. (4) The distinction between a small Logo miniment Leems to us a perfectly intollighte and objective one, and is quite combine the course-growing appeal to limitations et observation. (5) Our reference to chose outher who de upoterce no crose oucras una latin de la universe, un intended merely de upote results, es intended merely to say how they get their results, to say how they get agree with them? 6 de are var grotefel for the Siegogine caperare which we was not aware of (Kajuka, enol you elsek the reference, and in corporate a brief comment in the paper) Lot me have a draft of our reply, before e-mosting it to Van der Morme. I way much hope he will now a copt it in publication! With last wishes Mufael